

FIG.1

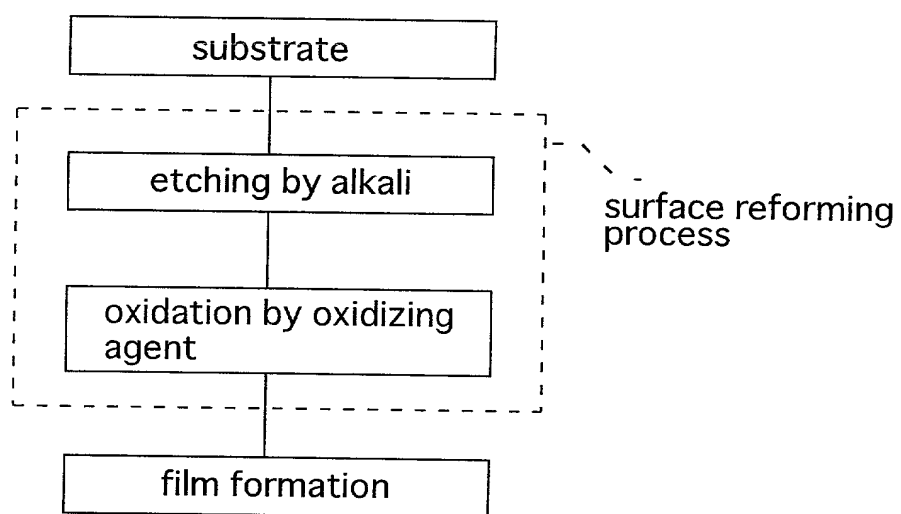


FIG.2A

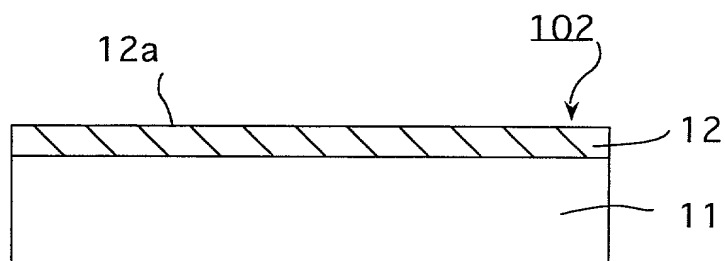


FIG.2B

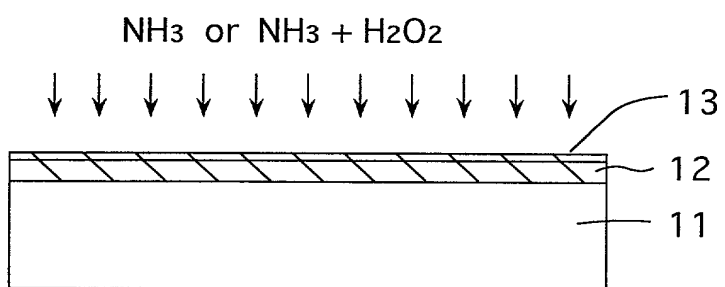


FIG.2C

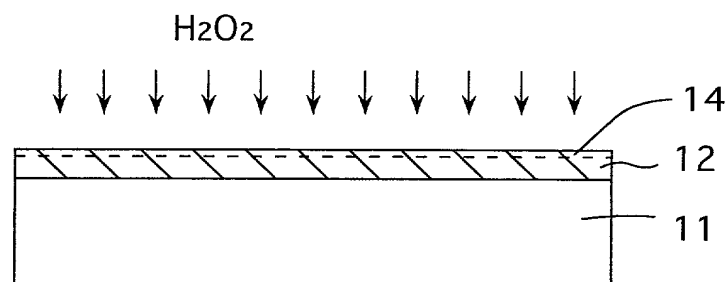


FIG.2D

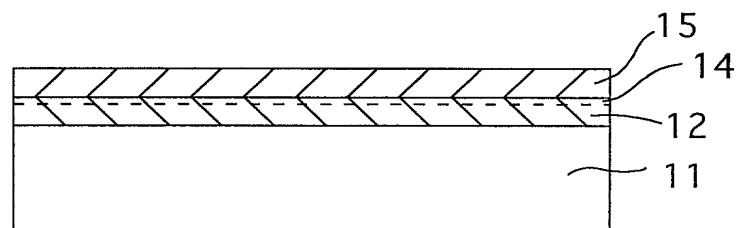


FIG.3A

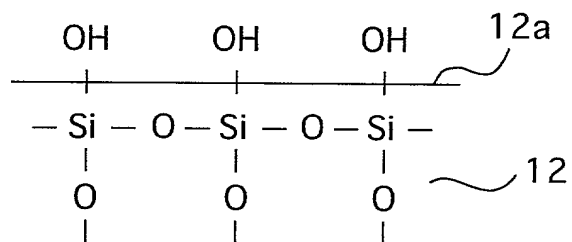


FIG.3B

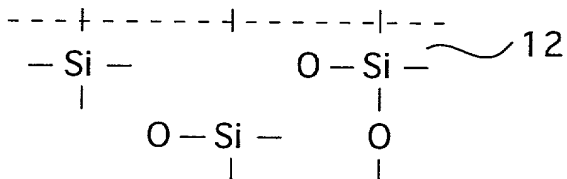


FIG.3C

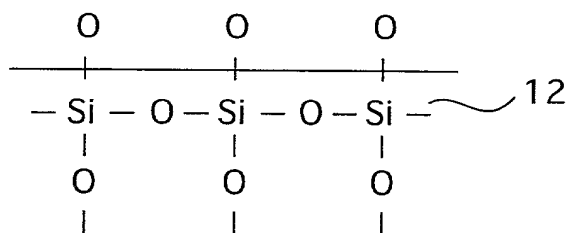


FIG.4A

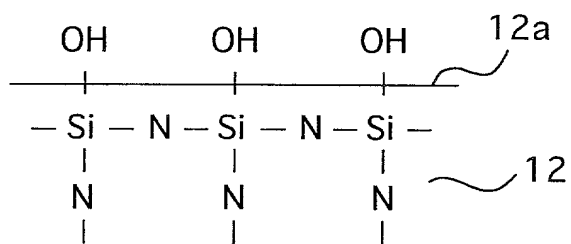


FIG.4B

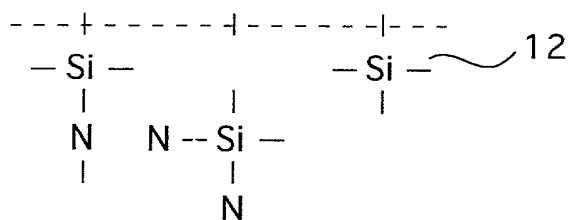


FIG.4C

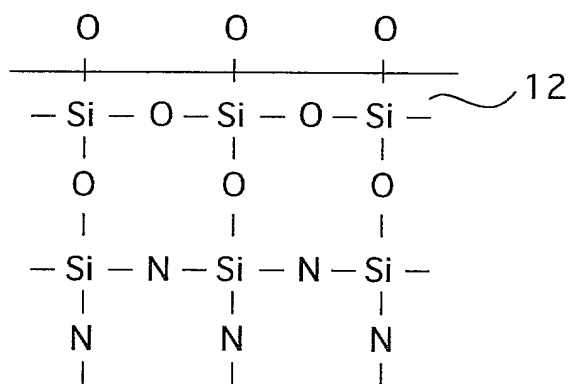
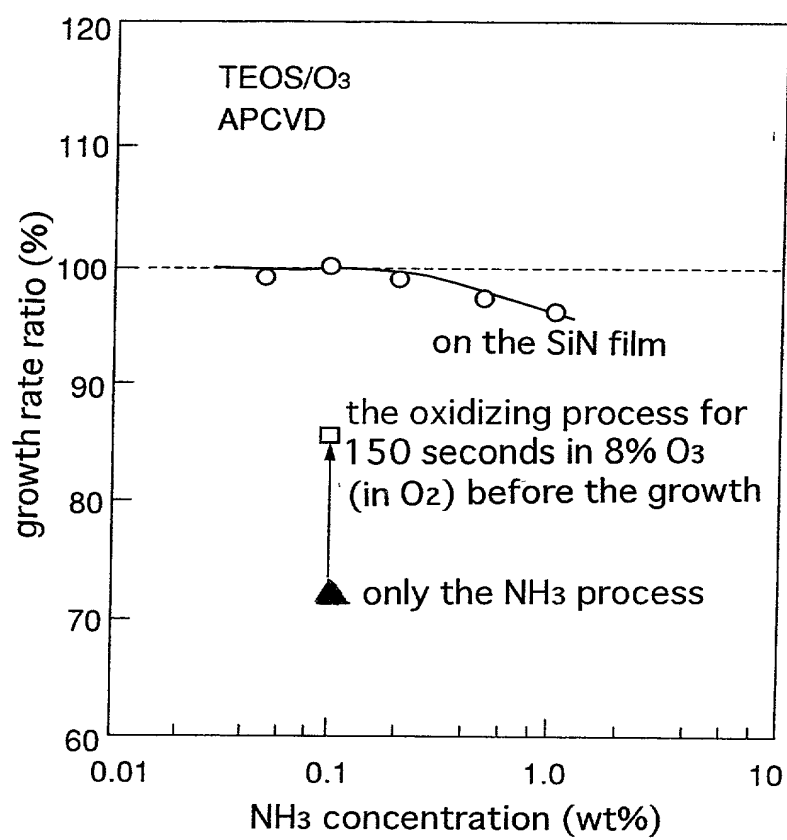
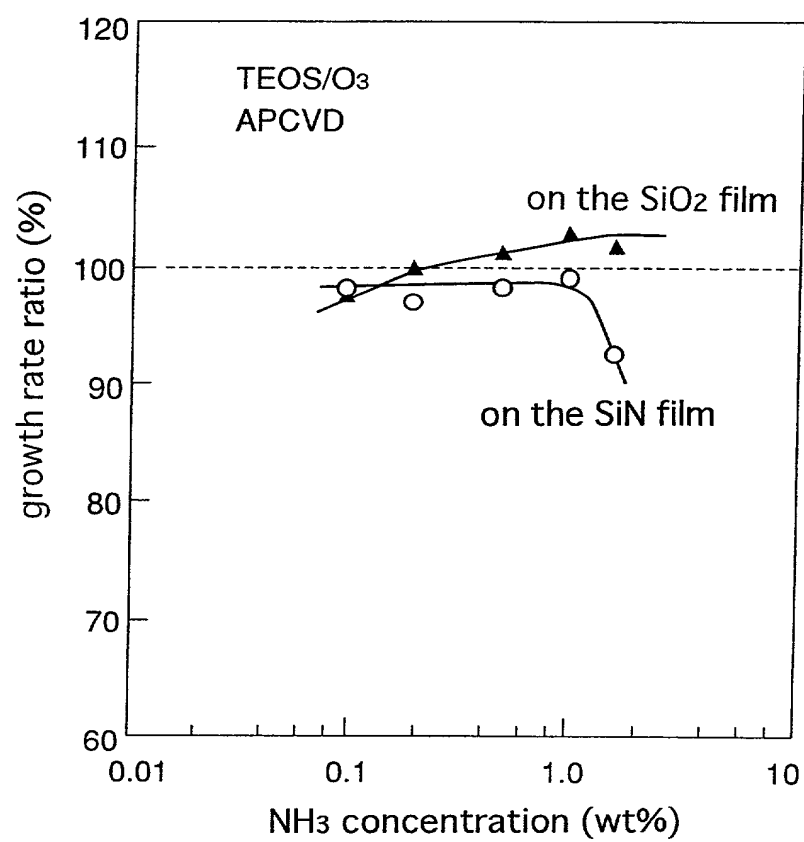


FIG.5



growth temperature : 450°C
O₃ concentration : 160g/m³
growth rate : 60nm/min

FIG.6



growth temperature : 450°C
O₃ concentration : 160g/m³
growth rate : 60nm/min

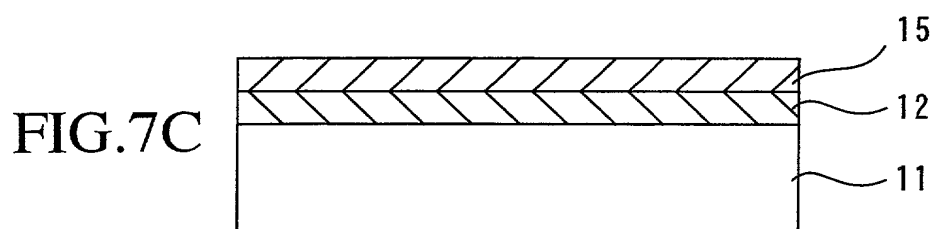
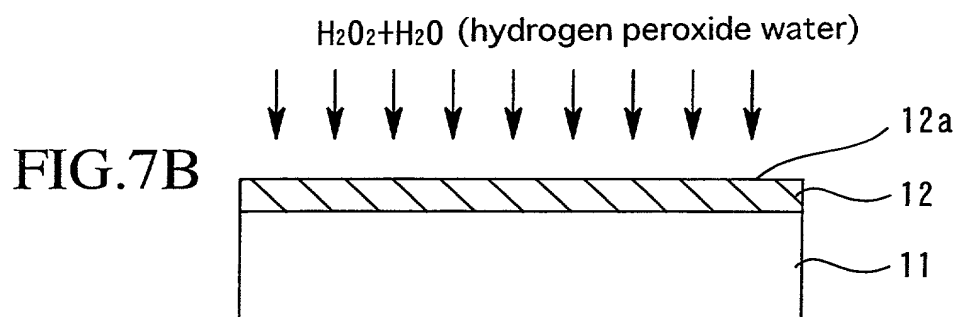
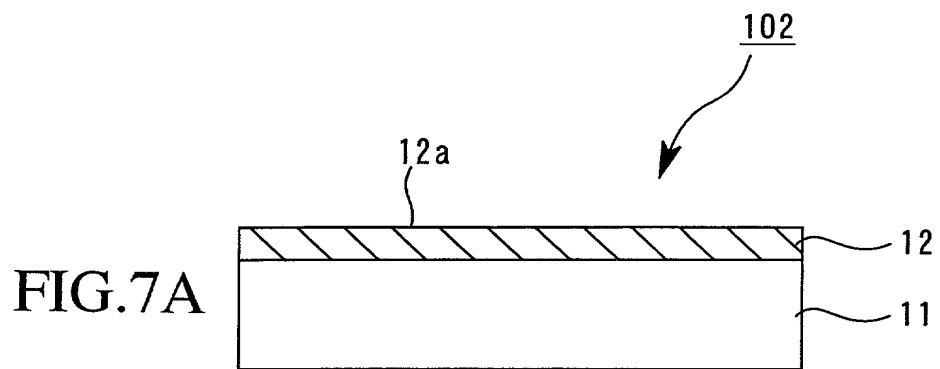
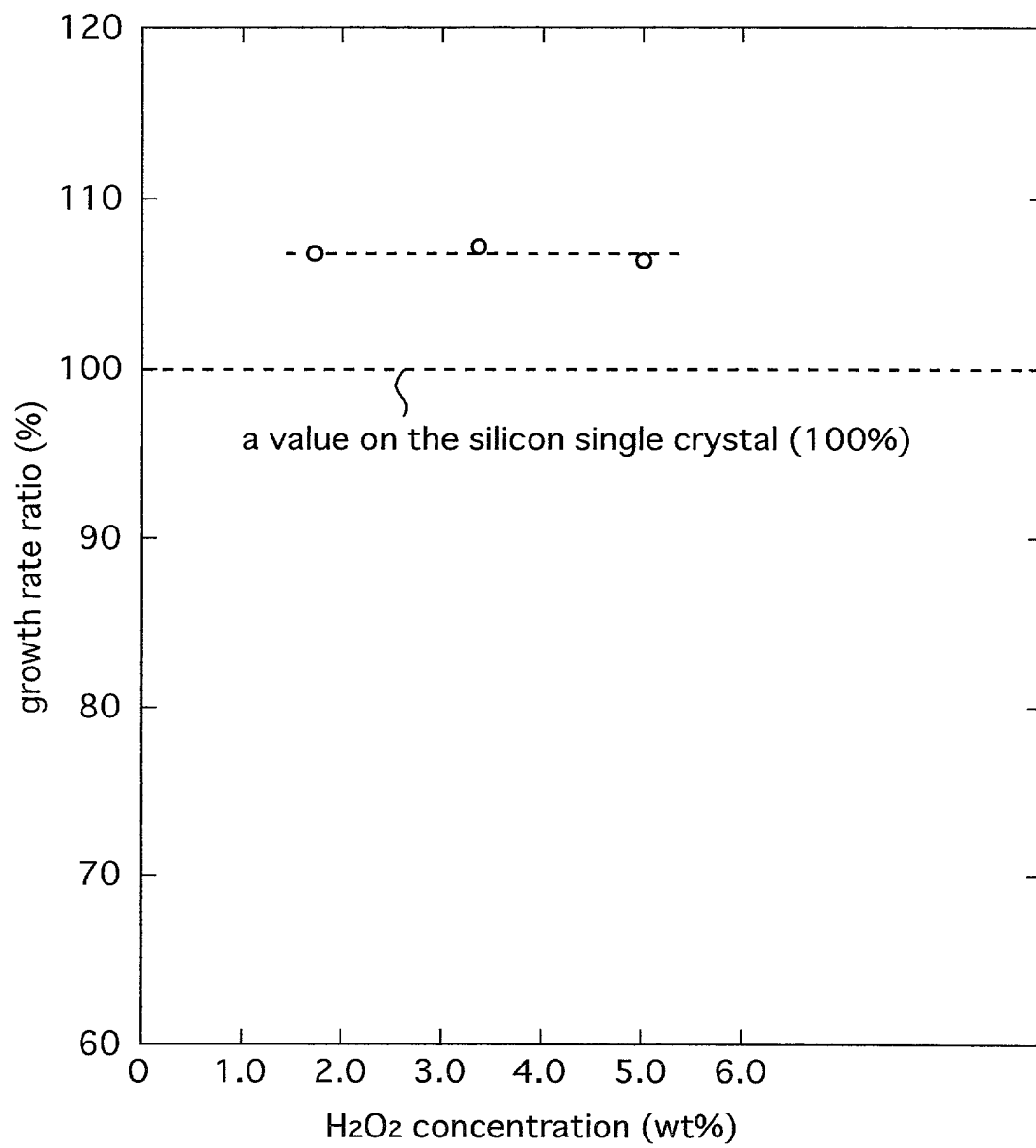


FIG.8



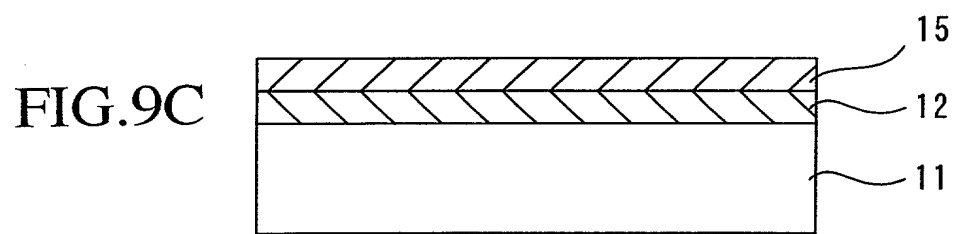
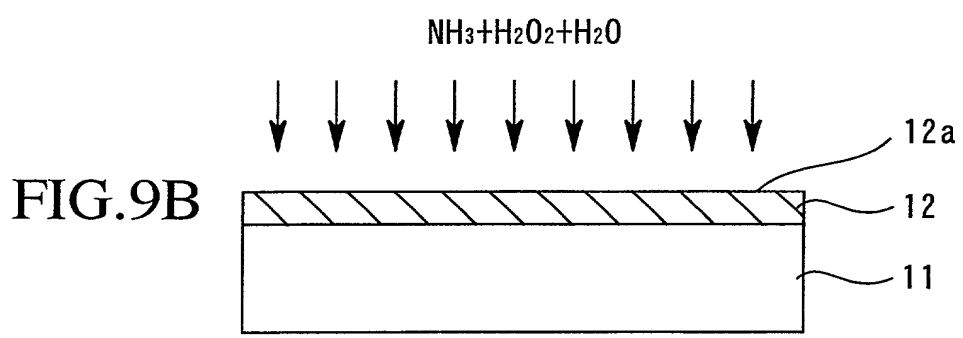
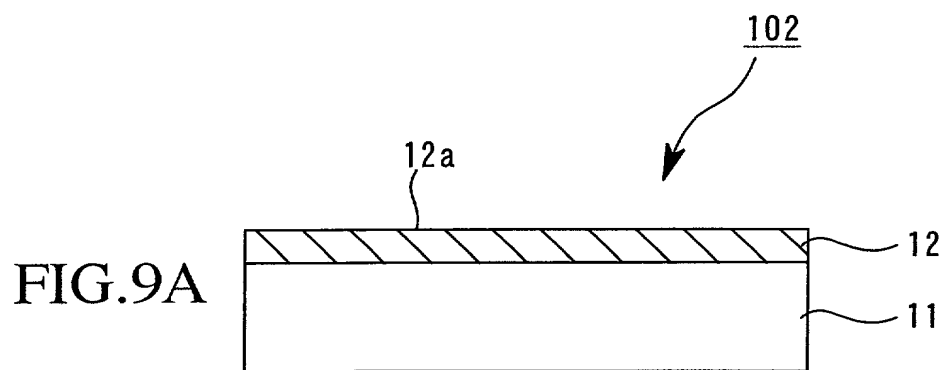


FIG.10

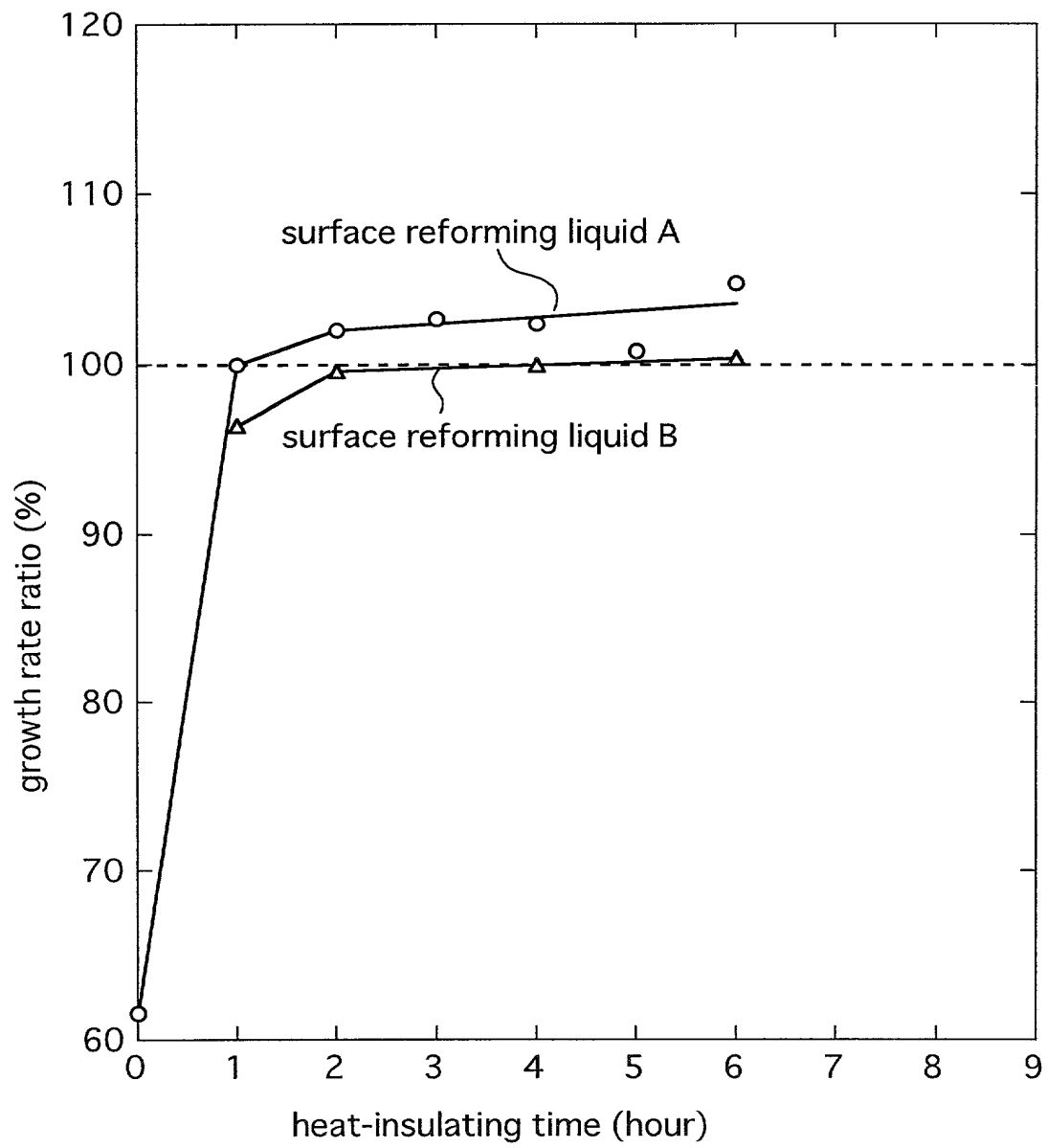


FIG.11

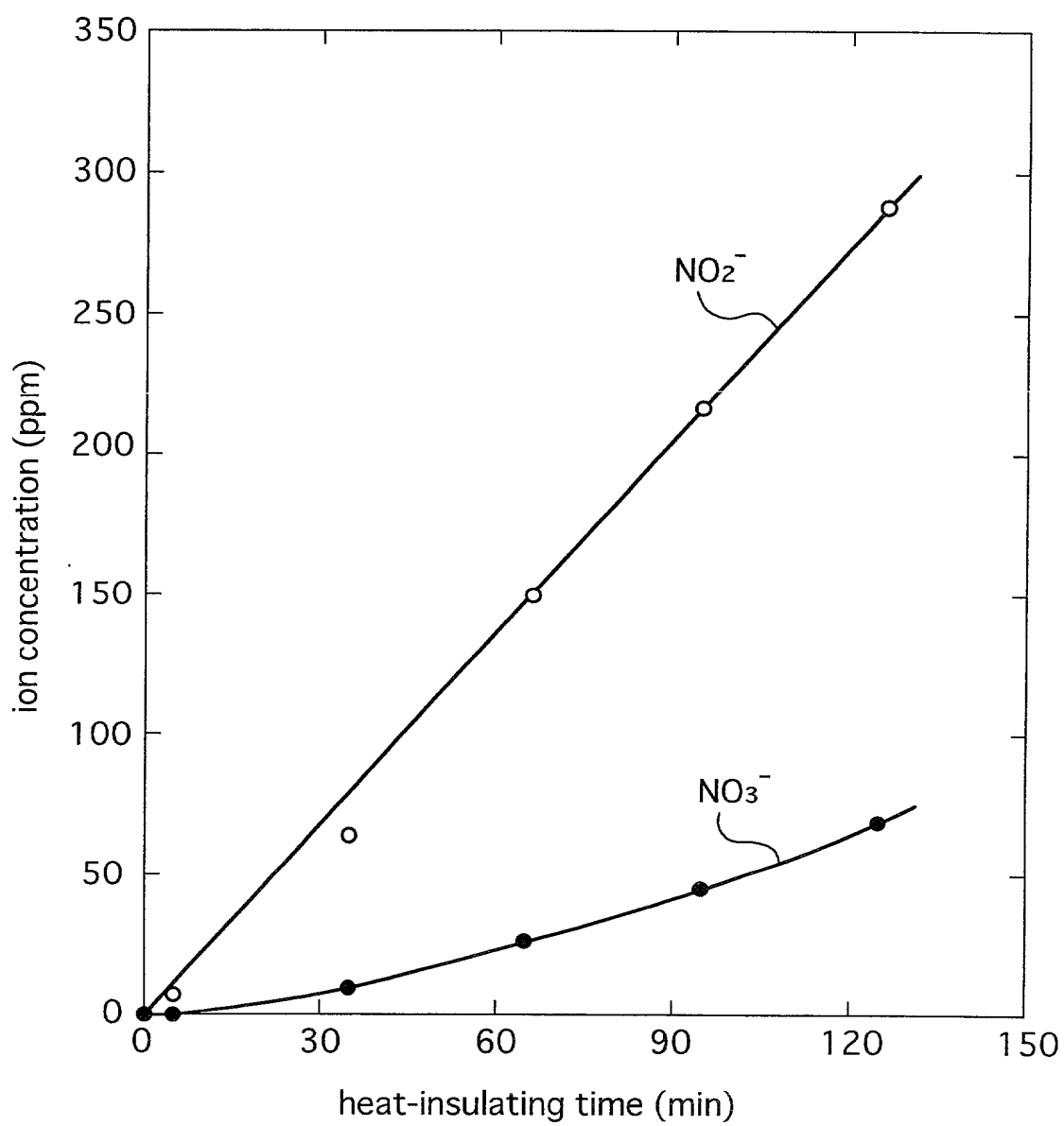


FIG.12

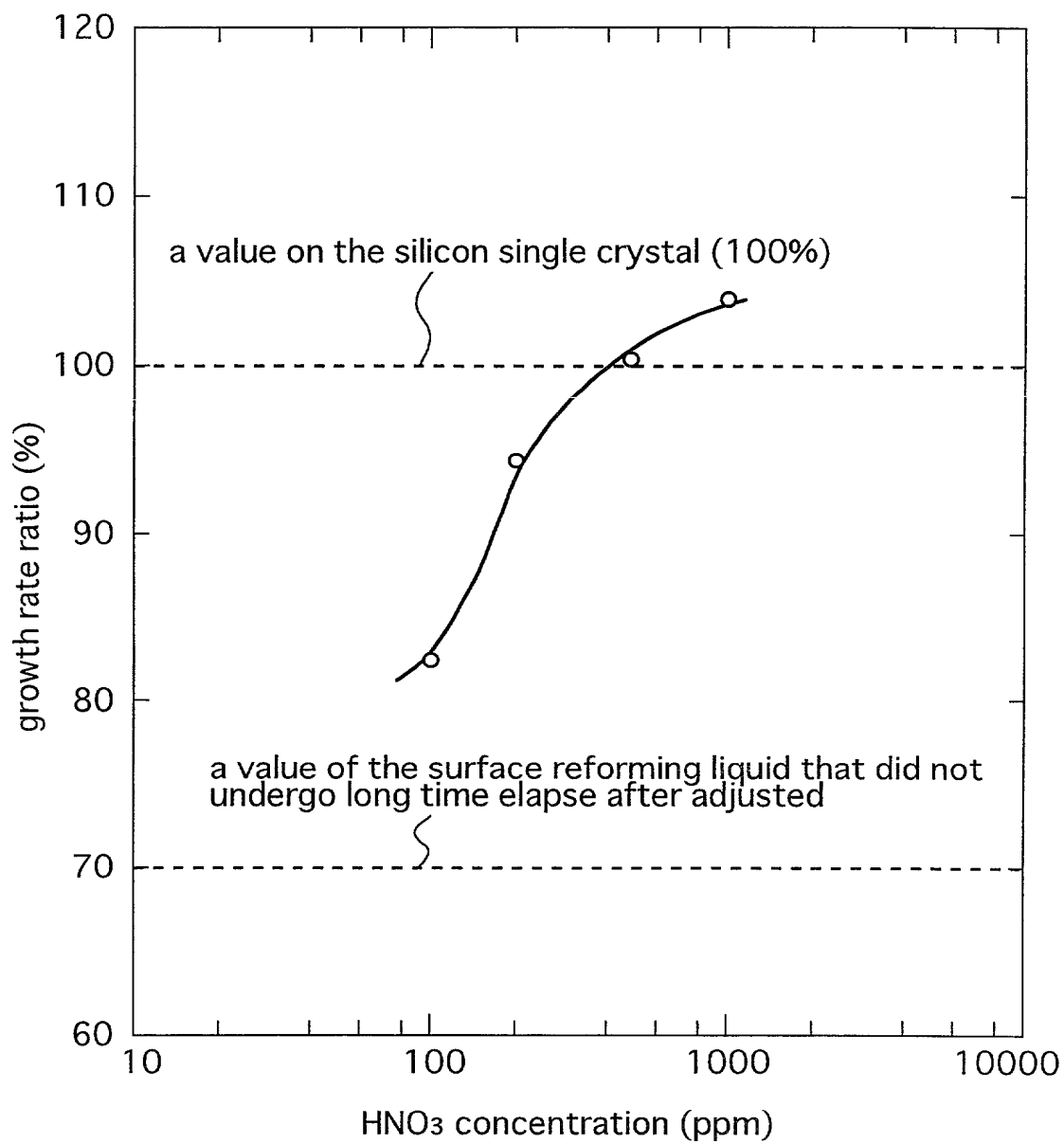


FIG.13A

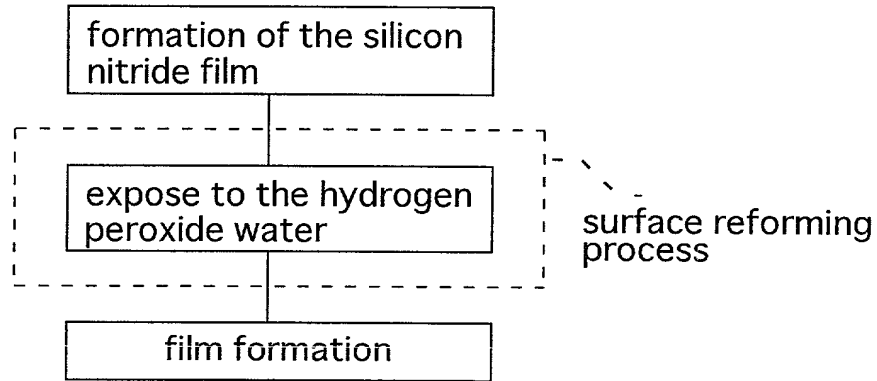


FIG.13B

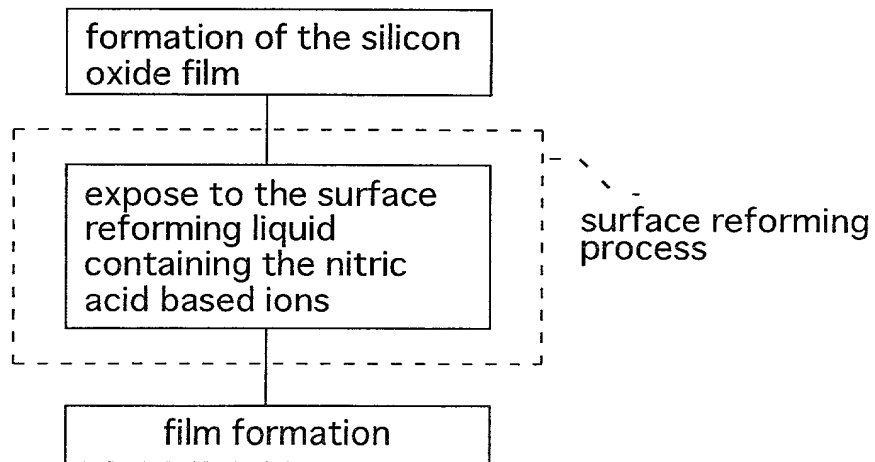


FIG.14

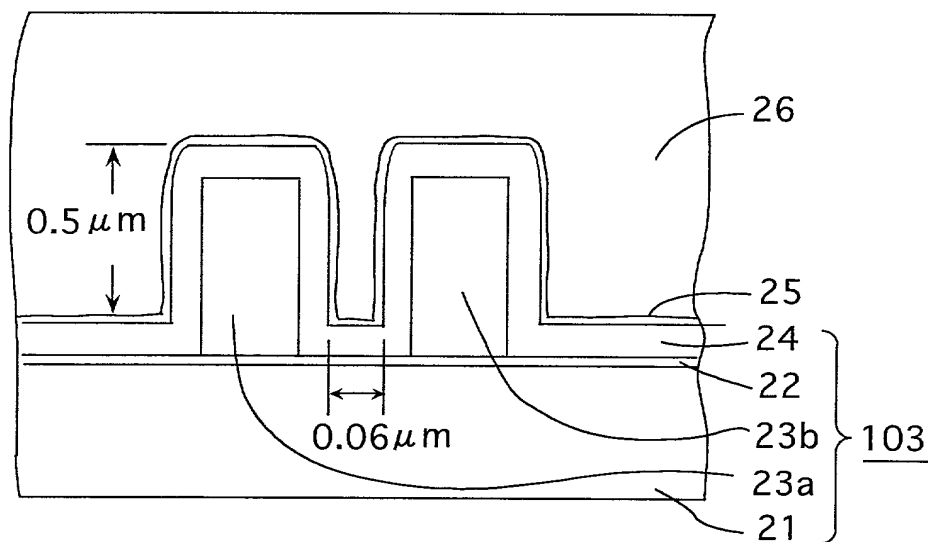


FIG.15A

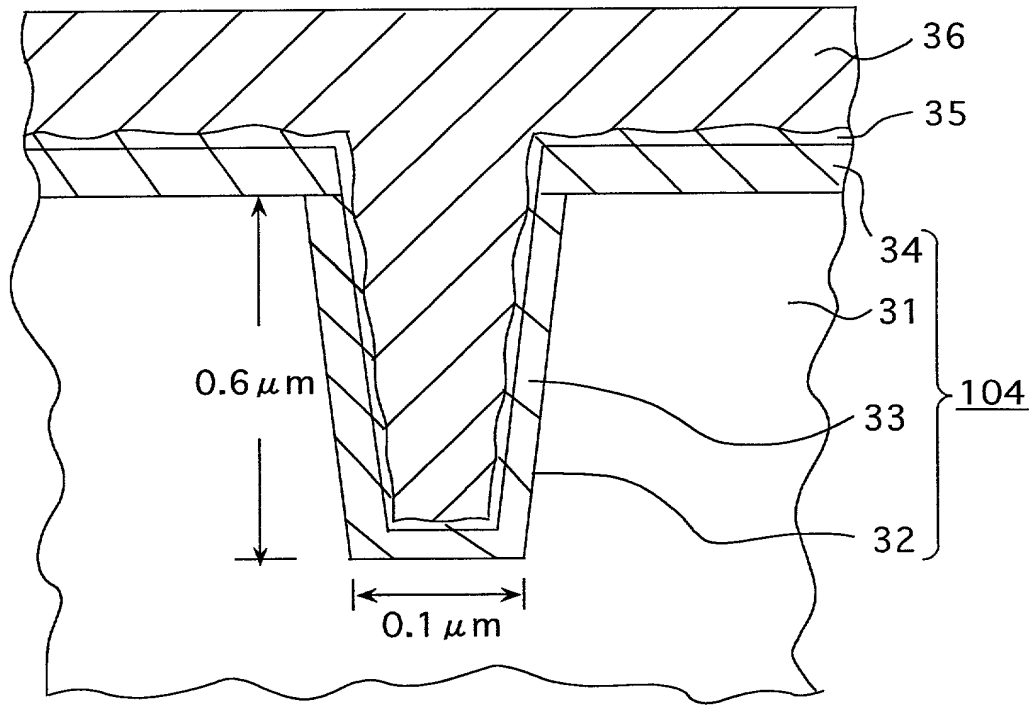


FIG.15B

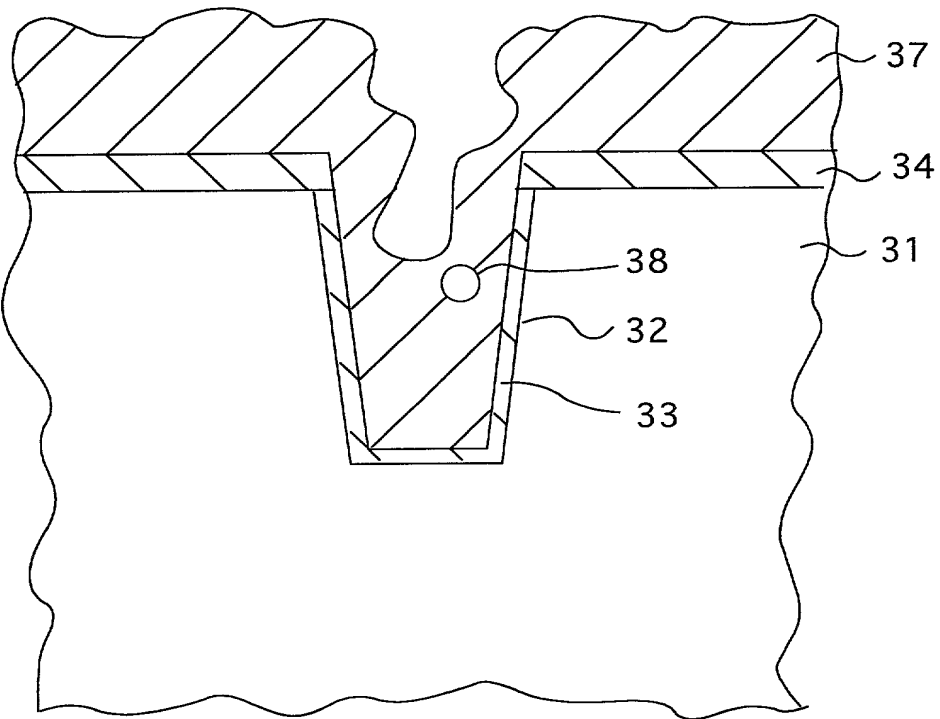


FIG.16 (PRIOR ART)

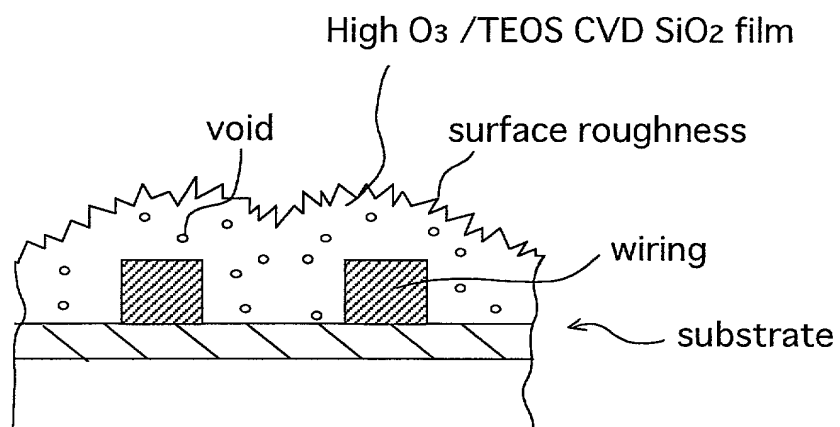


FIG.17A (PRIOR ART)

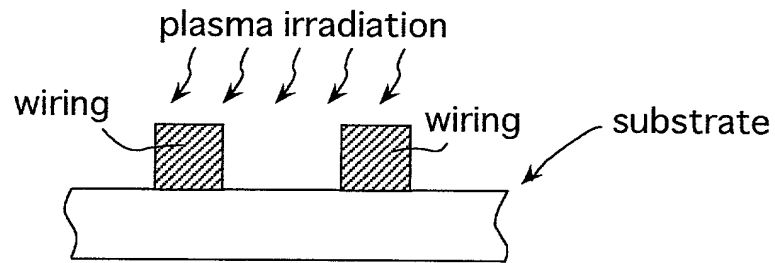


FIG.17B (PRIOR ART)

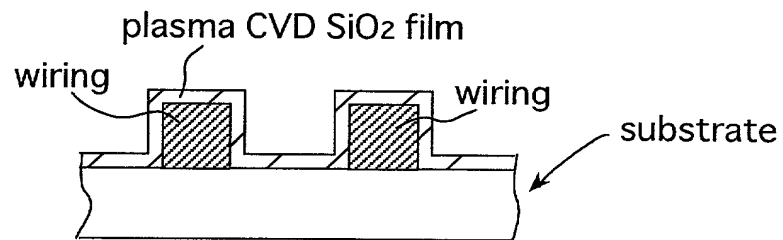


FIG.17C (PRIOR ART)

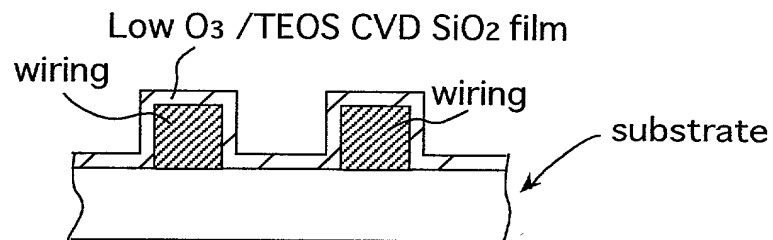


FIG.17D (PRIOR ART)

